10/821,658 May 10, 2006

January 10, 2006

REMARKS

Rejections under 35 U.S.C. §112

The Examiner has rejected Claims 1-3, 6, 13, 14, 17, 18, 23, 26, 29, and 61-69 under 35

U.S.C. §112, first paragraph, for failing to comply with the enablement requirement and under

35 U.S.C. §112, second paragraph, as being indefinite for failing to particularly point out and

distinctly claim the subject matter which Applicants regard as the invention.

In response, Applicants have canceled Claims 1-3, 6, 13, 14, 17, 18, 23, 26, 29, and 61-69

and have added new Claims 70-79.

Newly Added

Applicants have added Claims 70-79 to protect better the subject matter that Applicants

regard as the invention. Applicants respectfully submit that the amendments add no new matter

and are fully supported by the application as originally filed. Applicants further submit that the

added Claims 70-79 are consistent with Applicants' election, on April 28, 2005, to prosecute the

subject matter of Group I, drawn to a process (detecting special nuclear materials).

Applicants have not addressed the further rejections of the pending claims as being moot

in view of the amendments and remarks herein. However, Applicants expressly do not acquiesce

in the Examiner's findings not addressed herein.

CONCLUSIONS

In view of the foregoing amendments and remarks, Applicants submit that the application is

in condition for allowance. If, however, some issue remains which the Examiner feels may be

addressed by Examiner's amendment, the Examiner is cordially invited to call the undersigned for

authorization.

-9-

Appl. No: RCE and Amdt. dated: Final Office Action of:

10/821,658 May 10, 2006 January 10, 2006

Please charge any additional fees, including RCE fees and any required extensions of time, or credit overpayment to Deposit Account No. 120690.

By:

Respectfully submitted, Regents of the University of California Customer No. 08076

Dated: _____ June 5, 2006

R'Sue Popowich Caron

Registration No. 52,699

Agent of Record

Lawrence Berkeley National Laboratory One Cyclotron Road MS: 90B0104

Berkeley, CA 94720 (510) 486-6503